

## INDUSTRIAL COMPONENT DATA

## RC-16P1N120000 1600509 PHOENIX CONTACT Contact insert

Brand: PHOENIX CONTACT | Manufacturer Part Number: RC-16P1N120000



|                 |                                        |
|-----------------|----------------------------------------|
| Manufacturer    | PHOENIX CONTACT                        |
| MPN / Reference | RC-16P1N120000                         |
| Catalog number  | 1600509                                |
| Category        | Contact insert for circular connectors |
| Minimum order   | 10 Pcs                                 |
| Document ID     | EO-348FC4521E                          |
| Generated       | 2026-08-06                             |

## Product Overview

## Contact insert

Contact insert, number of poles: 16, contact type: Male, Solder connection, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1241213

Contact insert, M23, number of poles: 16, contact connection type: Male, Solder cup, series: NC, RC, RM, TU, UC, Alternative product according to RoHS II without exception 6c (Pb < 0.1%) item code: 1241213

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification &amp; Catalog Path

|              |                                                 |
|--------------|-------------------------------------------------|
| Catalog path | PHOENIX CONTACT > Field Device Connectors (FDC) |
|--------------|-------------------------------------------------|

## Additional Product Information

## Key Commercial Data

Orderkey 1600509

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

GTIN 4046356230421

Weight per Piece (excluding packing) 10.360 g

Custom tariff number 85389099

Country of origin DE (Germany)

## General

Insertion/withdrawal cycles mechanical 50

Direction of rotation of contact chamber numbering Standard

Coding N

Contact connection method Solder connection

Type of contacts Pin

Number of positions 16

Contact diameter of power contacts 1 mm

Litz wire cross section of power contacts min. 0.08 mm<sup>2</sup>

Litz wire cross section of power contacts max. 1 mm<sup>2</sup>

Nominal current per power contact at 25°C 8 A

Material

Insulator material PBT

Contact material CuZn

Contact surface Nickel-plated, gold coating

Specifications according to DIN EN 61984:2001

Nominal / operating voltage of power contacts 150 V

Rated surge voltage of power contacts 1.5 kV

Overvoltage category of power contacts II

Degree of pollution of power contacts 3

Overvoltage category of signal contacts II

Degree of pollution of signal contacts 3

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

China RoHS Environmentally Friendly Use Period = 50

For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Classifications

eCl@ss 4.0272607xxeCl@ss 4.127260701eCl@ss 5.027260701eCl@ss 5.127261200eCl@ss 6.027261200eCl@ss  
7.027440205eCl@ss 8.027440205eCl@ss 9.027440205

ETIM 3.0EC001121ETIM 4.0EC001121ETIM 5.0EC000438ETIM 6.0EC000438

UNSPSC...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RC-16P1N120000 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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